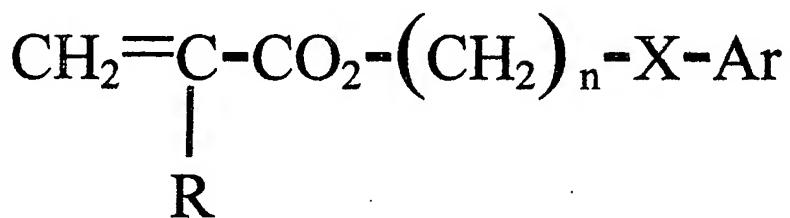


**Figure 1: General Chemical Structure of the Aryl Acrylic Monomers of this Invention.**



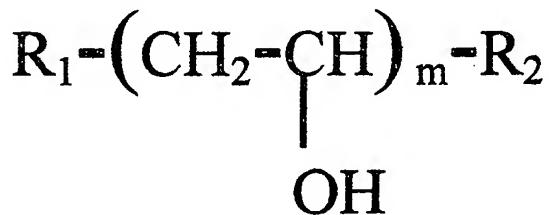
R: can be H or  $\text{CH}_3$ ;

n is 0 to 7;

X is nothing, O, S, or NR where in R is H,  $\text{CH}_2\text{CH}_3$ ,  $\text{CH}_2\text{C}_6\text{H}_5$ ;

Ar: is aromatic ring which can be unsubstituted or substituted with F, Cl, Br, I,  $\text{OCH}_3$ ,  $\text{OCH}_2\text{CH}_3$  or alkyl groups such as  $\text{CH}_3$ ,  $\text{CH}_2\text{CH}_3$ , propyl, i-propyl or butyl groups.

**Figure 2: General Chemical Structure of the Surface processed Biocompatible Hydrophilic Polymer of this Invention.**



$\text{R}_1$  &  $\text{R}_2$ : are functional groups include but not limited to NR, F, Cl, Br, I,  $\text{OCH}_3$ ,

H,  $\text{CH}_3$ ,  $\text{CH}_2\text{CH}_3$ .

M is 10 to 1000;